

*2 wires*

# HUMIDITY TRANSMITTER

Model : TR-RH2W

*ISO-9001, CE, IEC1010*



## FEATURES

- \* Measure Range :  
10 %RH to 95% RH
- \* Output :  
4 to 20 mA  
10 %RH = 5.6 mA  
50 %RH = 12 mA  
995 %RH = 19.2 mA
- \* Wire no. :  
2 wires, both for signal and power supply.
- \* Humidity Sensor :  
High Precision capacitive type humidity sensor.
- \* TR-RH2W can cooperate the " 4-20 mA Controller/Alarm/Indicator " CT-2012, then become a humidity controller and the indicating system. The user can control and monitor the humidity value from far away.



CT-2012



**LUTRON ELECTRONIC**

*The Art of Measurement*

# 2 WIRES HUMIDITY TRANSMITTER

Model : TR-RH2W

SPECIFICATIONS	
<i>Measuring range</i>	10 %RH to 95 %RH.
<i>Output</i>	4 - 20 mA 10 %RH = 5.6 mA 50 %RH = 12 mA 95 %RH = 19.2 mA
<i>Humidity sensor</i>	High precision capacitive type humidity sensor.
<i>Power Supply</i>	DC 9V to 30 V <i>* Protected against reverse polarity</i>
<i>Wire numbers</i>	2 wires, both for signal and power supply.
<i>External adjustment</i>	ZERO VR SPAN VR
<i>Accuracy</i>	$\geq 70$ %R.H. - $\pm$ (3% reading + 1% R.H.) $< 70$ %R.H. - $\pm$ 3%R.H.
<i>Load impedance requirement</i>	Load up to 500 ohms.
<i>Operating Temperature</i>	0 °C to 50 °C ( 32 °F to 122 °F ).
<i>Operating Humidity</i>	Less than 95% RH.
<i>Size</i>	200 x 23 x 19 mm ( 7.9 x 0.9 x 0.7 inch ).
<i>Weight</i>	75 g ( 0.16 LB ).
<i>Cable length</i>	Approx. 1.2 meter.
<i>Wire Connection</i>	<i>2 wires :</i> Red..... Power + and signal Black..... Power -
<i>Accessory included</i>	Operation manual..... 1 PC.

\* Appearance and specifications listed in this brochure are subject to change without notice.

1303-TRRH2W